

Shreyas Patil

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WORK EXPERIENCE

DreamStudio | Front-End Developer | Remote (Atlanta, Georgia)

Aug 2024 - Present

- Developed responsive and user-friendly websites by adding new features and refining existing code to ensure a seamless experience across all devices.
- Improved SEO performance by applying best practices and enhancing accessibility, leading to a 10% increase in site speed.
- Collaborated with designers and backend developers to transform complex business requirements into intuitive user interfaces, contributing to 4+ repositories.
- Utilized React.js, SASS, HTML, CSS, and JavaScript to build visually appealing web solutions, using Git for version control and collaboration with 5+ team members.

DataAnnotation | AI Trainer | Fairfax, Virginia

Dec 2024 - Present

- Leveraged Reinforcement Learning from Human Feedback to train machine learning models while ensuring adherence to legal and ethical standards.
- Labeled and annotated 500+ data samples across multiple formats: code, text, images, videos, and audio.
- Conducted front-end code reviews focusing on UI/UX design, ensuring responsiveness and adherence to best practices.
- Reviewed Github commits and trained AI models to execute API calls effectively.

The Sparks Foundation | Web Developer Intern | Thane, India

Jul 2021 - Aug 2021

- Created wireframes and prototypes using Figma, translating business requirements into user-friendly interfaces.
- Utilized PHP and MySQL to handle user registration, login, webpage design, and database management.

SKILLS

Languages: Python, HTML, CSS, JavaScript, TypeScript, PHP, Java, C

Frameworks: React.js, Next.js, Angular.js, Vue.js, Node.js, Express.js, Vitest, Flask, Rest API

Databases and Methodologies: MongoDB, MySQL, PostgreSQL, SDLC, CI/CD, Agile, Scrum

Libraries: Bootstrap, Tailwind CSS, MaterialUI, Shadcn, DaisyUI, Socket.io

Tools and Platforms: Git, GitHub, Figma, Vite, Postman, Vercel, JIRA, Docker, AWS (EC2, S3, Lambda)

PROJECTS

ChatMate | MERN stack, Zustand, Shadcn, Tailwind, Socket.io

- Built a feature-rich chat application allowing real-time messaging and communication between users, leveraging Socket.io for smooth, bi-directional data flow.
- Utilized Express.js and Node.js for the backend, creating robust API endpoints for user authentication (including OAuth), file transfer, message storage, and real-time chat functionalities.
- Integrated efficient data handling and user state management to support seamless transitions, message history, and consistent chat experiences across sessions.

Connect Four Game | MERN stack, MaterialUI

- Developed a full-stack Connect Four game in React with secure authentication and CRUD operations in the database for different functionalities.
- Implemented encryption algorithms to enhance security, utilizing unique salt and slow hashing for data protection.

Fake News Detection | Python, Flask, NLTK

- Developed a robust Flask-based fake news detection model processing a dataset of 70,640 news articles.
- Performed data preprocessing, extraction, cleaning, and exploratory data analysis on the news dataset.
- Employed various machine learning algorithms, achieving accuracy rates ranging from 87.04% to 83%.

EDUCATION

George Mason University

Master's in Computer Science, GPA: 3.53

Fairfax, Virginia

Aug 2022 - May 2024

University of Mumbai

Bachelor's in Computer Engineering, GPA: 3.61

Mumbai, India

Aug 2018 - May 2022